"Western Treasure -- Deep, Wet Snow"

FEDERAL-STATE COOPERATIVE
SNOW SURVEYS AND IRRIGATION WATER FORECASTS

for

NEVADA

APRIL 1, 1948

By

Division of Irrigation, Soil Conservation Service
United States Department of Agriculture
Nevada Agricultural Experiment Station
and
Nevada State Engineer

Data included in this report were obtained by the agencies named above in cooperation with other Federal, State and local organizations listed on the last page of this report.

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FOR

NEVADA

Report Prepared

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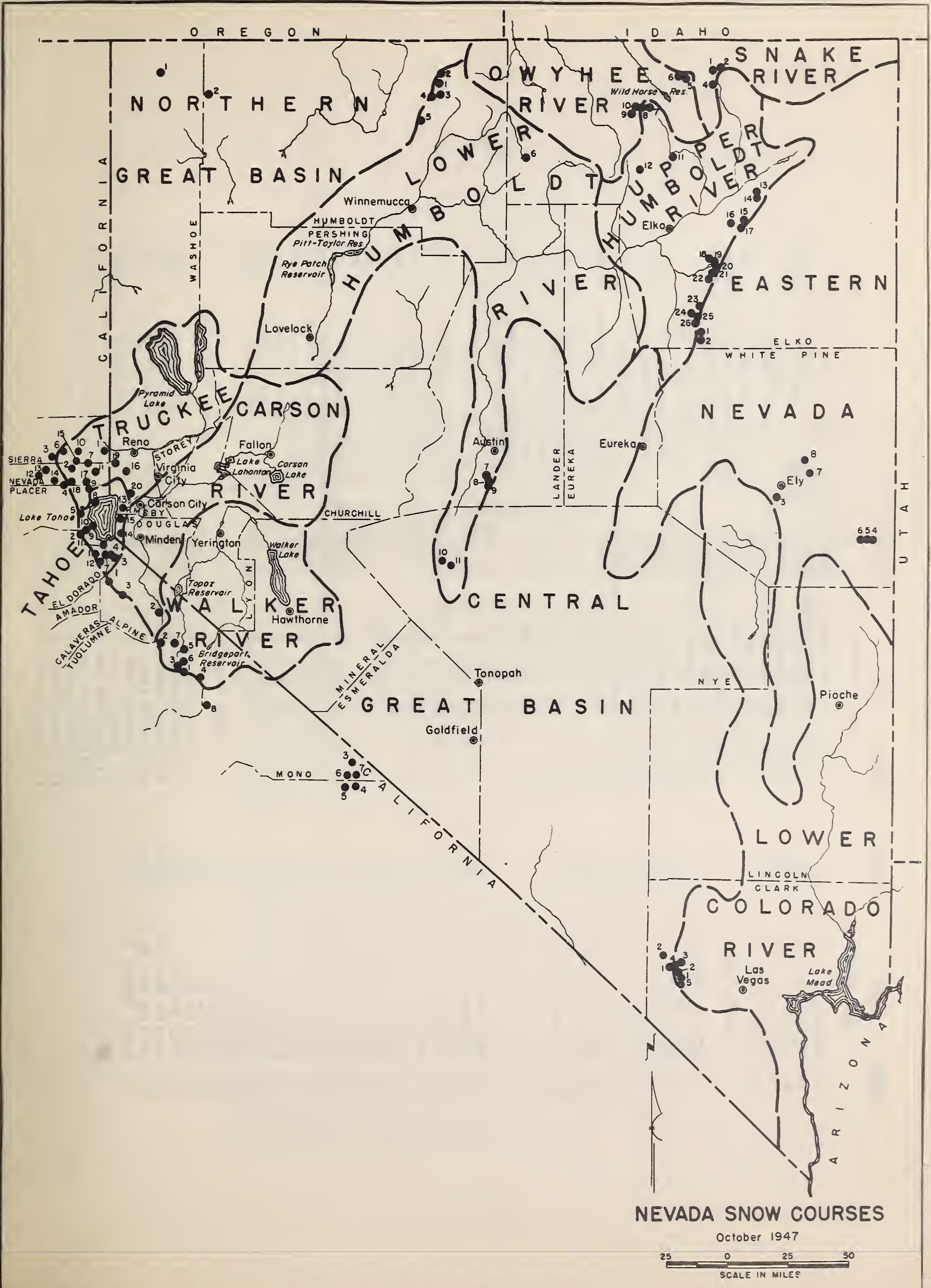

NEVADA SNOW COURSES

October 1947

7-L-10252

INDEX TO SNOW COURSES

SNAKE RIVER

NUMBERS	NAME	ELEVATION
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700

OWYHEE RIVER

NUMBERS	NAME	ELEVATION
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Gold Creek	6,600
6.	Big Bend	6.700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200

UPPER HUMBOLDT RIVER

NUMBERS	NAME	ELEVATION
1.	Bear Creek	7,800
2.	Fox Creek	6,800
4.	76 Creek	7,100
5.	Gold Creek	6,600
6.	Big Bend	6,700
7.	Fry Canyon	6,700
8.	Rodeo Flat	6,800
9.	Lower Jack Creek	6,800
10.	Upper Jack Creek	7,250
11.	Tremewan Ranch	5,700
12.	Taylor Canyon	6,200
13.	Lower Trout Creek	6,900
14.	Upper Trout Creek	8,500
15.	Dorsey Basin	8,100
16.	Ryan Ranch	5,800
17.	Dry Creek	6,500
18.	Lamoille #1	7,100
19.	Lamoille #2	7,300
20.	Lamoille #3	7,700
21.	Lamoille #4	8,000
22.	Lamoille #6	8,700
23.	Green Mountain	8,000
24.	Harrison Pass #1	6,600
25.	Harrison Pass #2	7,400
26.	Corral Canyon	8,500

TRUCKEE BASIN

NUMBERS	NAME	ELEVATION
1.(Cal.)	Granite Peak	8,200
2.(Cal.)	Independence Lake	8,450
3.(Cal.)	Webber Peak	8,000
4.(Cal.)	Donner Summit	6,900
5.(Cal.)	Ward Creek	7,000
6.(Cal.)	Webber Lake	7,000
7.(Cal.)	Sage Hen Creek	6,500
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Truckee #2	6,400
10.(Cal.)	Independence Creek	6,300
11.(Cal.)	Boca #2	5,900
12.(Cal.)	Furnace Flat	6,600
13.(Cal.)	Fordyce Lake	6,500
14.(Cal.)	Soda Springs	6,750
15.(Cal.)	Independence Camp	7,000
16.	Mt. Rose	9,000
17.(Cal.)	Truckee Ranger Station	6,000
18.(Cal.)	Donner Lake	5,950
19.	Big Meadows	8,800
20.	Little Valley	6,300

LOWER COLORADO RIVER

NUMBERS	NAME	ELEVATION
1.	Rainbow Canyon	7,800
2.	Kyle Canyon	8,200
3.	Lee Canyon #1	8,300
4.	Lee Canyon #2	9,000
5.	Rainbow Canyon #2	8,100

EASTERN NEVADA

NUMBERS	NAME	ELEVATION
1.	Cave Creek	7,000
2.	Hager Canyon	8,500
3.	Murray Summit	7,250
4.	Baker #1	7,950
5.	Baker #2	8,950
6.	Baker #3	9,250
7.	Berry Creek	9,100
8.	Bird Creek	7,500

LOWER HUMBOLDT RIVER

NUMBERS	NAME	ELEVATION
1.	Lower Buckskin	6,700
2.	Upper Buckskin	7,200
3.	Martin Creek	6,700
4.	Granite Peak	7,800
5.	Lamance Creek	6,600
6.	Midas	7,200
7.	Big Creek Camp Ground	6,000
8.	Big Creek Mine	7,000
9.	Upper Big Creek	8,000
10.	Lower Corral	7,500
11.	Upper Corral	8,500

CARSON BASIN

NUMBERS	NAME	ELEVATION
1.(Cal.)	Carson Pass	8,600
2.(Cal.)	Poison Flat	7,900
3.(Cal.)	Blue Lakes	8,000

NORTHERN GREAT BASIN

NUMBERS	NAME	ELEVATION
1.	Bald Mountain	6,720
2.	Mahogany Mountain	5,680

WALKER BASIN

NUMBERS	NAME	ELEVATION
1.(Cal.)	Center Mountain	9,400
2.(Cal.)	Sonora Pass	8,800
3.(Cal.)	Buckeye Forks	8,500
4.(Cal.)	Virginia Lakes	9,500
5.(Cal.)	Willow Flat	8,250
6.(Cal.)	Buckeye Roughs	7,900
7.(Cal.)	Leavitt Meadows	7,200
8.(Cal.)	Tioga Pass	9,900

TAHOE BASIN

NUMBERS	NAME	ELEVATION
1.(Cal.)	Lake Lucille	8,400
2.(Cal.)	Rubicon #1	8,100
3.(Cal.)	Hagans Meadow	8,000
4.(Cal.)	Freel Bench	7,300
5.(Cal.)	Ward Creek	7,000
7.(Cal.)	Upper Truckee	6,400
8.(Cal.)	Tahoe City	6,250
9.(Cal.)	Rubicon #2	7,500
10.(Cal.)	Rubicon #3	6,700
11.(Cal.)	Richardsons #2	6,500
12.(Cal.)	Echo Summit	7,500
13.	Marlette Lake	8,000
14.	Daggetts Pass	7,350
15.	Glenbrook #2	6,900
16.	Mt. Rose	9,000

CENTRAL GREAT BASIN

NUMBERS	NAME	ELEVATION
1.	Clark Canyon	9,000
2.	Trough Springs	8,500
3.(Cal.)	McAfee Forks	7,500
4.(Cal.)	Roberts Ranch	8,300
5.(Cal.)	Goat Springs	10,300
6.(Cal.)	Sage Hen Flats	10,500
7.(Cal.)	Ranger Station	9,500

WATER SUPPLY OUTLOOK

NEVADA

April 1, 1948

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Irrigation season water supplies will be short throughout the main irrigated valleys of Nevada. Runoff will range from 25 to 50 percent of normal from the Sierra and from normal to 60 percent from the headwaters and main stem of the Humboldt.

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Snow stored water on the Sierra is in general less than 50 percent of normal. A near normal snow pack on the headwaters of the Humboldt is realized by the 50 percent increase in snowfall during March.

Total precipitation since October 1 is below average in practically all irrigated valleys of the State.

Groundwater levels are down in the major irrigated valleys. This shortage will be replenished by surface runoff with a resultant decrease in available surface water.

Reservoir storage is poor with the total storage on April 1 about 45 percent of last year, 60 percent of the 1937-46 average, and 55 percent of the usable capacity. Lake Mead contains about 115 percent of last years storage on this date.

STREAMFLOW FORECASTS APRIL 1, 1948

Basin and Stream	April-July, inclusive Streamflow Thousands Acre Ft.				
	Forecast 1948	Measured Run-Off 1947	1946	1945	10-yr. Avg. 1937 - 1946
Owyhee River at Mountain City, Nevada[1]	60	40	66	109	69
Lamoille Creek near Lamoille, Nevada	32	26	25	37	28
South Fork Humboldt River near Elko, Nevada	75	44	90	167	88
Humboldt River at Palisade, Nevada	150	95	256	486	252
Martin Creek near Paradise, Nevada	10	7	14	23	17
West Carson River at Woodfords, Calif.	30	35	55	59	59[a]
East Carson River near Gardnerville, Nev.	95	123	178	234	205[a]
Carson River near Carson City, Nevada	70	93	172	233	204[a]
Carson River at Fort Churchill, Nevada	68	79	153	210	195
West Walker River near Coleville, California	85	104	149	191	170
East Walker River near Bridgeport, Calif.[2]	20	31	56	96	82
Truckee River at Farad, California[3]	115	127	268	250	283
Lake Tahoe[4]	361	611	737	646	666

a. For period 1940 through 1946
1. Corrected for storage in Wildhorse Reservoir
2. For period April through August corrected for storage in Bridgeport Reservoir
3. Exclusive of Tahoe and corrected for storage in Donner, Independenc and Boca Reservoirs
4. Maximum storage with gates closed

STREAMFLOW FORECASTS APRIL 1, 1948

Snake River Basin in Nevada

Snow stored water on the headwaters of Salmon Falls and Bruneau River is about normal and about double that available at the same date last year. The forecast flow for Owyhee River at Mountain City during the period April through July is 60,000 acre-feet or nearly 90 percent of the 1937-46 average. Wildhorse reservoir with a capacity of 33,000 acre-feet contained only 6,000 acre-feet on April 1.

Upper Humboldt Basin

Snow stored water on the headwaters of Marys River, North Fork, Susie, and Maggie Creeks is about normal and twice the amount available last year at this date.

Headwaters of the southern feeders from Trout Creek to Lamoille Creek contain about normal snow pack. The forecast for April-July flow of Lamoille Creek as measured near Lamoille is 32,000 acre-feet or about 115 percent of the 1937-46 average. South Fork of Humboldt is forecast at 75,000 acre-feet from April through July or about 85 percent of the 1937-46 average, as measured near Elko. The remaining southern feeders have a snow pack slightly less than normal.

The forecast of the flow of Humboldt River at Palisade is about 150,000 acre-feet or 158 percent of last year and 60 percent of the 1937-46 average.

Lower Humboldt Basin

Snow stored water on the headwaters of Little Humboldt have been markedly improved during March. The forecast flow for Martin Creek near Paradise during April through July is 10,000 acre-feet or about 60 percent of the 1937-46 average.

Snow pack in the Reese River area is about 130 percent of normal on this date and greatly improved over last years low.

Pershing County Water Conservation Districts stored water in Pitt-Taylor and Rye Patch reservoirs on April 1 was 120,000 acre-feet which is only 57 percent of last year and 60 percent of the 1937-46 average.

Eastern Nevada

Snow stored water in the mountains overlooking Ruby and Steptoe Valleys is about normal, while the Snake Range contains slightly less than normal snow pack.

Central Great Basin

Snow on the Toiyabe range west of Big Smoky Valley is greater than normal. White mountains west of Fish Lake Valley contain a light snow cover which is below normal.

Lower Colorado River

The snow pack in the Mt. Charleston area near Las Vegas has improved during March and as of April 1 it was about 90 percent of the eight year average and double that of last year.

Lake Mead contained 18,620,000 acre-feet of usable storage which was about 115 percent of that stored last year and 94 percent of the 1939-46 average.

Tahoe Basin

April 1 storage in Tahoe was about 268,000 acre-feet. Snow stored water on the watershed indicates that the maximum to expect this summer with gates closed is about 361,000 acre-feet. This is 59 percent of last year and 54 percent of the 1937-46 average. With subnormal precipitation during the summer months this figure will drop to about 356,000 acre-feet.

Truckee Basin

The April-July forecast for Truckee River measured at Farad is 115,000 acre-feet or 91 and 41 percent of last year and the 1937-46 average respectively. With deficient summer precipitation the flow may be 93,000 acre-feet.

Carson Basin

Carson River near Fort Churchill is forecast to flow 68,000 acre-feet during April-July or 86 and 35 percent of last year and the 1937-46 average respectively. Flow at Carson City is forecast at 70,000 acre-feet which is 75 and 34 percent of last year and the 1940-46 average.

April through July flow of East Carson River near Gardnerville is forecast as 95,000 acre-feet which is 77 and 46 percent of last year and the 1940-46 average.

April through July flow of West Carson at Woodfords is forecast as 30,000 acre-feet which is 86 and 51 percent of last year and the 1940-46 average.

Lahontan Reservoir stored 189,000 acre-feet on April 1. This is 77 percent of last year and the 1937-46 average, but only 66 percent of capacity.

Walker Basin

West Walker River near Coleville is forecast to flow 85,000 acre-feet during April through July. This is 82 percent of last year and 50 percent of the 1937-46 average. Topaz reservoir contained 25,000 acre-feet on April 1, which is 48 and 53 percent of last year and 1937-46 average respectively but only 42 percent of capacity.

April through August flow of East Walker River near Bridgeport is forecast as 20,000 acre-feet, which is 65 and 24 percent of last year and the 1937-46 average. Bridgeport reservoir stored 24,000 acre-feet on April 1. This is 49 and 62 percent of last year and the 1937-46 average.

STATUS OF RESERVOIR STORAGE, APRIL 1, 1948

BASIN and STREAM	RESERVOIR	USABLE CAPACITY (THOUS. A.F.)	THOUSANDS ACRE FEET IN STORAGE ABOUT APR. 1				
			1948	1947	1946	1945	10-yr.avg. 1937-1946
Owyhee	Wildhorse	33	6	19	24	14	14[a]
Lower Humboldt	Pitt Taylor	27	0	23	19	17	20[b]
Lower Humboldt	Rye Patch	178	120	186	187	178	178[c]
Tahoe	Tahoe	750	268	534	589	452	477
Carson	Lahontan	286	189	246	250	270	244
West Walker	Topaz	59	25	52	55	49	47
East Walker	Bridgeport	42	24	44	43	44	39
Colorado	Mead	27,935	18,620	16,383	17,776	18,029	19,807[d]

a - Average for years 1940-1946

b - Average for years 1937-1941

c - Average for years 1943-1946

d - Average for years 1939-1946

VALLEY PRECIPITATION[1]

Division	Current Year Oct.1,1947 - Apr.1,1948 P	 D	Last Year Oct.1,1946 - Apr. 1,1947 P	 D
Owyhee	8.42	+1.78	8.52	+1.88
Upper Humboldt	4.13	-1.97	7.04	+ .94
Lower Humboldt	4.82	- .46	5.82	+ .54
Eastern Nevada	3.07	-2.42	4.36	-1.13
Lower Colorado	2.67	+ .38	1.95	- .34
Central Great Basin	2.31	- .12	5.31	+2.88
Northern Great Basin	1.96	-1.09	2.97	- .08
Truckee	0.62	-4.89	3.73	-1.78
Carson	0.77	-2.11	2.94	+ .06
Walker	1.14	-1.48	3.84	+1.22

P= Inches Precipitation

D= Inches Departure from Normal

1= Data furnished by U.S. Weather Bureau

NEVADA SNOW SURVEYS APRIL 1, 1948

LOCATION							SNOW COVER MEASUREMENTS					
								Water Content (inches)			Past Record Incl. 1948	
DRAINAGE BASIN and SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av. Water Content (inches)
SNAKE RIVER												
Bear Creek*	1	31	46N	58E	7800	4/2	61.6	20.0	15.0	22.0	6	19.2
Fox Creek	2	33	46N	58E	6800	4/2	26.7	7.6	2.8	8.6	12	8.0
76 Creek	4	6	44N	58E	7100	4/3	39.9	11.3	6.7	15.2	3	9.8
Gold Creek	5	31	45N	56E	6600	4/4	16.3	5.8	0	5.5	9	5.8
Big Bend	6	30	45N	56E	6700	4/4	28.4	8.3	3.6	10.9	14	9.5
OWYHEE RIVER												
Lower Buckskin*	1	25	45N	39E	6700	4/2	30.2	10.2	0	6.6	8	7.5
Upper Buckskin*	2	11	45N	39E	7200	4/3	30.6	10.4	1.4	9.1	13	11.1
Martin Creek	3	18	44N	40E	6700	4/1	28.1	9.7	1.1	7.8	8	7.7
Granite Peak	4	22	44N	39E	7800	4/1	32.9	9.7	7.2	16.6	8	12.1
Gold Creek	5	31	45N	56E	6600	4/4	16.3	5.8	0	5.5	9	5.8
Big Bend	6	30	45N	56E	6700	4/4	28.4	8.3	3.6	10.9	14	9.5
Fry Canyon	7	31	43N	54E	6700	4/5	23.2	7.9	4.4	9.7	8	8.5
Rodeo Flat	8	36	43N	53E	6800	4/5	27.0	9.1	4.2	11.2	8	9.3
Lower Jack Creek	9	18	42N	53E	6800	4/3	14.2	4.7	0	3.1	9	2.7
Upper Jack Creek*	10	9	42N	53E	7250	4/3	37.1	11.6	4.2	12.6	8	10.1
Tremewan Ranch	11	9	39N	55E	5700	4/1	0	0	0	0	7	0.1
Taylor Canyon*	12	35	39N	53E	6200	4/3	2.5	0.5	0	4.3	8	3.3

NEVADA SNOW SURVEYS APRIL 1, 1948

DRAINAGE BASIN and SNOW COURSE	LOCATION							SNOW COVER MEASUREMENTS				
								Water Content (inches)			Past Record Incl. 1948	
	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av. Water Content (inches)
UPPER HUMBOLDT												
Bear Creek*	1	31	46N	58E	7800	4/2	61.6	20.0	15.0	22.0	6	19.2
Fox Creek	2	33	46N	58E	6800	4/2	26.7	7.6	2.8	8.6	12	8.0
76 Creek	4	6	44N	58E	7100	4/3	39.9	11.3	6.7	15.2	3	9.8
Gold Creek	5	31	45N	56E	6600	4/4	16.3	5.8	0	5.5	9	5.8
Big Bend	6	30	45N	56E	6700	4/4	28.4	8.3	3.6	10.9	14	9.5
Fry Canyon	7	31	43N	54E	6700	4/5	23.2	7.9	4.4	9.7	8	8.5
Rodeo Flat	8	36	43N	53E	6800	4/5	27.0	9.1	4.2	11.2	8	9.3
Lower Jack Creek	9	18	42N	53E	6800	4/3	14.2	4.7	0	3.1	9	2.7
Upper Jack Creek*	10	9	42N	53E	7250	4/3	37.1	11.6	4.2	12.6	8	10.1
Tremewan Ranch	11	9	39N	55E	5700	4/1	0	0	0	0	7	0.1
Taylor Canyon*	12	35	39N	53E	6200	4/3	2.5	0.5	0	4.3	8	3.3
Lower Trout Creek*	13	28	37N	61E	6900		No Survey		0	5.8	3	1.9
Upper Trout Creek	14	4	36N	61E	8500		No Survey		21.5	41.0	3	30.2
Dorsey Basin*	15	27	35N	60E	8100	4/1	40.7	11.9	6.4	21.6	7	16.1
Ryan Ranch*	16	1	34N	59E	5800	3/31	0	0	0	0	7	0.6
Dry Creek*	17	5	34N	60E	6500	3/31	4.8	1.8	0	4.2	7	3.9
Lamoille #1	18	15	32N	58E	7100	4/1	32.0	11.2	4.0	12.4	14	9.8
Lamoille #2	19	14	32N	58E	7300	4/2	37.3	12.1	2.9	13.6	16	10.3
Lamoille #3	20	24	32N	58E	7700	4/2	43.2	15.2	7.0	17.5	14	13.8
Lamoille #4	21	19	32N	59E	8000	4/2	60.8	20.7	13.5	25.7	8	19.1
Lamoille #5	22	31	32N	59E	8700	4/2	71.4	24.4	23.6	37.0	11	26.8
Green Mountain	23	23	29N	57E	8000	3/31	46.7	14.1	4.4	15.1	7	14.0
Harrison Pass #1	24	10	28N	57E	6600	3/28	16.0	5.5	0	2.5	11	6.3
Harrison Pass #2	25	16	28N	57E	7400	3/28	21.7	7.1	0	4.7	7	4.8
Corral Canyon	26	27	28N	57E	8500	3/29	57.6	17.5	14.8	20.3	7	19.5

NEVADA SNOW SURVEYS APRIL 1, 1948

LOCATION								SNOW COVER MEASUREMENTS				
								Water Content (inches)			Past Record Incl. 1948	
DRAINAGE BASIN And SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av. Water Content (inches)
LOWER HUMBOLDT												
Lower Buckskin*	1	25	45N	39E	6700	4/2	30.2	10.2	0	6.6	8	7.5
Upper Buckskin*	2	11	45N	39E	7200	4/3	30.6	10.4	1.4	9.1	13	11.1
Martin Creek	3	18	44N	40E	6700	4/1	28.1	9.7	1.1	7.8	8	7.7
Granite Peak	4	22	44N	39E	7800	4/1	32.9	9.7	7.2	16.6	8	12.1
Lamance Creek	5	13	42N	38E	6600	4/4	16.3	5.3	0	9.4	4	5.9
Midas	6	18	39N	46E	7200	4/1	2.6	1.4	0	1.2	8	2.0
Big Creek Camp Ground	7	10	17N	43E	6000	3/28	10.6	3.5	0	1.9	7	2.0
Big Creek Mine	8	23	17N	43E	7000	3/26	18.9	5.1	0	7.1	7	3.9
Upper Big Creek	9	26	17N	43E	8000	3/26	38.8	10.5	6.2	16.1	7	9.7
Lower Corral	10	12	11N	40E	7500	3/25	14.4	3.9	0	3.3	7	2.1
Upper Corral	11	20	11N	41E	8500	3/25	33.0	8.7	0	9.2	7	6.0
EASTERN NEVADA												
Cave Creek	1	25	27N	57E	7000	4/1	38.3	14.5	6.8	15.9	8	13.4
Hager Canyon	2	34	27N	57E	8500	4/1	53.0	18.0	11.9	22.0	8	18.8
Murray Summit*	3	25	18N	62E	7250	3/29	17.0	4.2	0	3.0	11	3.1
Baker #1	4	29	13N	69E	7950	3/26	31.8	8.9	2.1	5.3	7	6.0
Baker #2	5	30	13N	69E	8950	3/26	57.9	14.4	19.8	14.5	7	18.0
Baker #3	6	25	13N	68E	9250	3/26	64.3	17.0	22.4	15.1	7	20.2
Berry Creek	7	26	17N	65E	9100	3/29	51.4	14.2	New Snow Course			
Bird Creek	8	34	19N	65E	7500	3/29	23.5	6.8	New Snow Course			

NEVADA SNOW SURVEYS APRIL 1, 1948

LOCATION						SNOW COVER MEASUREMENTS						
								Water Content (inches)			Past Record Incl. 1948	
DRAINAGE BASIN and SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av. Water Content (inches)
LOWER COLORADO												
Rainbow Canyon	1	31	19S	57E	7800	3/28	38.1	12.6	6.4	7.7	8	12.7
Kyle Canyon	2	26	19S	56E	8200	3/27	32.7	10.5	2.8	8.3	7	11.2
Lee Canyon #1	3	10	19S	56E	8300	3/28	28.2	9.4	4.8	7.7	8	10.0
Lee Canyon #2	4	9	19S	56E	9000	3/29	31.5	8.0	5.2	9.7	7	11.7
Rainbow Canyon #2	5	6	20S	57E	8100	3/28	48.8	14.8	12.3	New Course	2	13.6
CENTRAL GREAT BASIN												
Clark Canyon	1	8	19S	56E	9000	3/29	27.7	8.1	5.2	8.3	4	9.0
Trough Springs	2	23	18S	55E	8500	3/30	21.0	7.2	1.6	6.8	3	5.2
McAfee Forks (Cal)	3	1	4S	34E	7500	4/3	0	0	New Snow Course			
Roberts Ranch (Cal)	4	11	6S	35E	8300	3/27	0	0	No Survey	2.1	2	1.1
Goat Springs (Cal)	5	13	6S	34E	10300	3/27	0	0	"	5.4	2	2.7
Sage Hen Flats (Cal)	6	29	5S	35E	10500	3/27	6.8	1.8	"	5.5	2	3.7
Ranger Station (Cal)	7	14	5S	35E	9500	3/27	3.1	0.9	"	2.5	2	1.8
NORTHERN GREAT BASIN												
Bald Mountain	1	17	45N	21E	6720	4/1	6.8	2.2	0	0	9	2.3

NEVADA SNOW SURVEYS APRIL 1, 1948

LOCATION						SNOW COVER MEASUREMENTS						
								Water Content(inches)			Past Record Incl. 1948	
DRAINAGE BASIN and SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av. Water Content (inches)
TAHOE												
Lake Lucille (Cal)	1	28	12N	17E	8400	4/1	128.0	43.8	49.3	66.2	35	56.2
Rubicon #1 (Cal)	2	6	13N	17E	8100	3/28	109.5	26.1	41.8	49.9	31	45.0
Hagans Meadow (Cal)	3	36	12N	18E	8000	3/30	30.2	10.1	13.6	16.1	29	17.1
Freel Bench (Cal)	4	36	12N	18E	7300	3/30	19.4	6.7	4.6	5.6	19	9.9
Ward Creek (Cal)	5	21	15N	16E	7000	3/27	94.0	30.9	37.8	54.3	34	43.8
Upper Truckee (Cal)	7	21	12N	18E	6400	4/2	8.5	2.8	0.6	1.8	19	6.4
Tahoe City (Cal)	8	6	15N	17E	6250	3/29	19.7	5.5	0	14.7	38	12.8
Rubicon #2 (Cal)	9	6	13N	17E	7500	3/28	63.8	18.1	25.9	38.3	28	28.4
Rubicon #3 (Cal)	10	32	14N	17E	6700	3/28	48.5	12.4	13.1	28.3	9	20.0
Richardsons #2(Cal)	11	6	12N	18E	6500	3/31	27.7	9.8	7.2	18.1	5	13.5
Echo Summit (Cal)	12	6	11N	18E	7500	3/31	71.7	27.2	30.1	50.9	9	38.5
Marlette Lake	13	13	15N	18E	8000	4/2	36.7	12.6	20.5	31.8	32	23.1
Daggetts Pass	14	19	13N	19E	7350	3/31	21.6	6.7	7.6	11.7	32	12.7
Glenbrook #2	15	13	14N	18E	6900	4/2	26.5	8.0	10.0	18.8	7	14.2
Mt. Rose	16	7	17N	19E	9000	4/1	43.5	13.5	28.9	35.0	39	31.1
TRUCKEE												
Granite Peak (Cal)	1	24	19N	17E	8200		No Survey		17.2	No Survey	24	18.9
Independence Lake(Cal)	2	9	18N	15E	8450	4/3	79.0	24.8	31.7	49.0	12	42.0
Webber Peak (Cal)	3	30	19N	14E	8000	4/3	100.7	30.0	34.2	45.8	27	40.1
Donner Summit (Cal)	4	25	17N	14E	6900	3/29	78.5	24.8	29.1	47.2	38	38.9
Ward Creek (Cal)	5	21	15N	16E	7000	3/27	94.0	30.9	37.8	54.3	34	43.8
Webber Lake (Cal)	6	20	19N	14E	7000	4/3	67.8	19.5	25.3	39.7	24	29.2

NEVADA SNOW SURVEYS APRIL 1, 1948

LOCATION						SNOW COVER MEASUREMENTS						
								Water Content (inches)			Past Record Incl.1948	
DRAINAGE BASIN and SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av.Water Content (inches)
TRUCKEE (Cont.)												
Sage Hen Creek(Cal)	7	7	18N	16E	6500	3/30	20.2	6.4	9.7	22.0	12	17.6
Tahoe City (Cal)	8	6	15N	17E	6250	3/29	18.7	5.5	0	14.7	38	12.8
Truckee #2 (Cal)	9	22	17N	16E	6400	3/27	27.1	7.4	6.8	19.2	19	14.3
Independence Creek(Cal)	10	14	19N	15E	6300	3/30	12.4	4.2	4.4	16.0	12	12.7
Boca #2 (Cal)	11	28	18N	17E	5900	No Survey			0	4.7	15	5.0
Furnace Flat (Cal)	12	10	17N	13E	6600	3/31	86.6	28.7	28.6	58.0	29	43.8
Fordyce Lake (Cal)	13	34	18N	13E	6500	4/1	63.2	23.0	20.7	49.0	30	37.8
Soda Springs (Cal)	14	23	17N	14E	6750	3/29	62.9	19.5	23.1	41.4	20	34.3
Independence Camp (Cal)	15	34	19N	15E	7000	4/2	30.8	12.1	12.7	29.6	8	20.6
Mt. Rose	16	7	17N	19E	9000	4/1	43.5	13.5	28.9	35.0	39	31.1
Truckee Ranger Sta.(Cal)	17	10	17N	16E	6000	3/28	21.7	6.5	0	11.9	4	7.5
Donner Lake (Cal)	18	14	17N	15E	5950	3/28	40.3	12.0	8.8	28.3	5	18.8
Big Meadows	19	15	18N	18E	8800	4/7	43.0	16.7	16.4	25.0	26	23.3
Little Valley	20	17	16N	19E	6300	3/26	17.1	2.6	0.3	9.3	7	8.2
CARSON												
Carson Pass (Cal)	1	22	10N	18E	8600	No Report			30.5	33.9	18	36.9
Poison Flat (Cal)	2	25	8N	21E	7900	3/29	30.3	8.3	9.4	10.8	7	13.8
Blue Lakes (Cal)	3	30	9N	19E	8000	3/31	80.8	25.0	30.1	40.6	30	35.2

NEVADA SNOW SURVEYS APRIL 1, 1948

LOCATION						SNOW COVER MEASUREMENTS						
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DRAINAGE BASIN and SNOW COURSE	Number	Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	1948	1947	1946	Years of Record	Av. Water Content (inches)
WALKER												
Center Mountain (Cal)	1	4	3N	23E	9400	4/8	96.3	22.8	30.9	39.6	26	35.7
Sonora Pass (Cal)	2	1	5N	21E	8800	3/26	52.7	14.1	17.9	27.6	17	24.2
Buckeye Forks (Cal)	3	20	4N	23E	8500	4/3	46.7	12.1	16.1	21.0	18	19.4
Virginia Lakes (Cal)	4	5	2N	25E	9500	3/31	37.4	10.4	15.9	New Course	2	13.2
Willow Flat (Cal)	5	21	5N	23E	8250	3/25	23.4	5.5	7.9	12.0	15	10.9
Buckeye Roughs (Cal)	6	15	4N	23E	7900	4/4	36.1	8.1	15.0	19.8	26	20.7
Leavitt Meadows (Cal)	7	4	5N	22E	7200	3/26	15.9	3.1	1.4	3.8	19	7.7
Tioga Pass (Cal)	8	30	1N	25E	9900	3/31	49.7	15.7	19.4	32.1	19	25.7

* Course revised 1948

SNOW SURVEYORS

April 1948

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The following organizations cooperate in the Nevada snow survey work:

STATE

- Nevada State Engineer
- Nevada Agricultural Experiment Station
- California Division of Water Resources

FEDERAL

- Soil Conservation Service
- Forest Service
- Weather Bureau
- Bureau of Reclamation
- Geological Survey
- Fish and Wildlife Service

PUBLIC UTILITIES

- Sierra Pacific Power Company
- Wells Power Company
- Virginia City Water Company

ORGANIZED PUBLIC AGENCIES

- Truckee-Carson Irrigation District
- Washoe County Water Conservation District
- Walker River Irrigation District

PRIVATE ORGANIZATIONS

- Deep Springs School
- Kennecott Copper Corp.

Other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.